

# PCT REQUEST

The undersigned requests that the present  
International application be processed  
according to the Patent Cooperation Treaty

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum) 24,577-23PCT

**Box No. I TITLE OF INVENTION**

Method and System for Displaying Confidence Intervals for Source Reconstruction

**Box No. II APPLICANT**☐ This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

COMPUMEDICS USA, INC.  
7950 University Avenue NE  
Fridley, Minnesota 55432  
US

Telephone No.: (763) 717-3975

Facsimile No.: (763) 717-3973

Teleprinter No.

Applicant's registration No. with the Office

State (that is, country) of nationality: US

State (that is, country) of residence: US

This person is applicant ☐ all designated ☒ all designated States except ☐ the United States ☐ the States indicated in  
for the purposes of: States the United States of America of America only the Supplemental Box

**Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

FUCHS, Manfred  
Burgwedeltwiete 16b  
22457 Hamburg, Germany

This person is:

☐ applicant only☒ applicant and inventor☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality: Germany

State (that is, country) of residence: Germany

This person is applicant ☐ all designated ☐ all designated States except ☒ the United States ☐ the States indicated in  
for the purposes of: States the United States of America of America only the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on a continuation sheet.**Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: ☒ agent ☐ common representative

Name and address: (Family name followed by give name; for a legal entity, full official designation. The address must include postal code and name of country.)

Klos, John F.  
FULBRIGHT & JAWORSKI L.L.P.  
225 South Sixth Street, Suite 4850  
Minneapolis, MN 55402-4320  
USA

Telephone No. 612-321-2800

Facsimile No. 612-321-9600

Teleprinter No.

Agent's Registration No. with the Office: 37,162

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

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**Box No. VI PRIORITY CLAIM**

The priority of the following earlier application(s) is hereby claimed:

Filing Date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		National application: Country	Regional application:* regional Office	International application: Receiving Office
Item (1) 03/07/02	60/393,908	US		
Item (2)				
Item (3)				
Item (4)				
Item (5)				

☐ Further priority claims are indicated in the Supplemental Box.

☒ The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as

☐ all items    ☒ item (1)    ☐ item (2)    ☐ item (3)    ☐ item (4)    ☐ item (5)    ☐ other see Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)).....

**BOX No. VII INTERNATIONAL SEARCHING AUTHORITY**

Choice of International Searching Authority (ISA) (If two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA / EP

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office):

**Box No. VIII DECLARATIONS**

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

- |  |  |                           |
|--|--|---------------------------|
| <input type="checkbox"/> Box No. VIII(i)   | Declaration as to the identity of the inventor   | Number of<br>declarations |
| <input type="checkbox"/> Box No. VIII(ii)  | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             |                           |
| <input type="checkbox"/> Box No. VIII(iii) | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application |                           |
| <input type="checkbox"/> Box No. VIII(iv)  | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               |                           |
| <input type="checkbox"/> Box No. VIII(v)   | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   |                           |

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**BOX No. IX CHECK LIST; LANGUAGE OF FILING**

<p>This international application contains: (a) the following number of sheets in paper form: 14</p> <p>request (including declaration sheets) 4</p> <p>description (excluding sheets sequence listing part) 9</p> <p>claims 3</p> <p>abstract 1</p> <p>drawings 5</p> <p>Sub-total number of sheets —</p> <p>Sequence listing part of description (actual number of sheets if filed in a paper form, whether or not also filed in computer readable form; see (b) below)</p> <p><b>Total number of sheets</b> 36</p> <p>(b) sequence listing part of description filed in computer readable form</p> <p>(i) <input type="checkbox"/> only (under Section 801(a)(I))</p> <p>(ii) <input type="checkbox"/> in addition to being filed in paper form (under Section 801(a)(ii))</p> <p><b>Type and number of carriers</b> (diskette, CD-ROM, CD-R or other) on which the sequence listing part is contained (additional copies to be indicated under item 9(ii), in right column):</p> <p>.....</p>	<p>This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):</p> <p>1. <input checked="" type="checkbox"/> fee calculation sheet</p> <p>2. <input type="checkbox"/> original signed power of attorney</p> <p>3. <input type="checkbox"/> original general power of attorney</p> <p>4. <input type="checkbox"/> copy of general power of attorney; reference number, if any:</p> <p>5. <input type="checkbox"/> statement explaining lack of signature</p> <p>6. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s):</p> <p>7. <input type="checkbox"/> translation of international application into (language):</p> <p>8. <input type="checkbox"/> separate indications concerning deposited microorganisms or other biological material</p> <p>9. <input type="checkbox"/> separate listing in computer readable form (indicate also type and number of carriers (diskette, CD-Rom, CD-R or other))</p> <p>(i) <input type="checkbox"/> copy submitted for the purposes of international search under 13ter only (and not as part of the international application)</p> <p>(ii) <input type="checkbox"/> (only where check-box (b)(i) or b(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter</p> <p>(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing part mentioned in left column</p> <p>10. <input checked="" type="checkbox"/> other (specify): return receipt postcard .....</p>	<p>Number of items</p> <p>1</p> <p>1</p>
Figure of the drawings 1 (one)	Language of filing of the international application: English	

**Box No. X SIGNATURE OF APPLICANT OR AGENT**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

  
John F. Klos, Applicant's Agent

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1. Date of actual receipt of the purported international application:	<p>2. Drawings:</p> <p>[ ] received:</p> <p>[ ] not received</p>
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority (if two or more are competent): ISA/EP	
6. [ ] Transmittal of search copy delayed until search fee is paid	

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Date of receipt of the record copy by the International Bureau:

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**Box No. V DESIGNATION OF STATES***Mark the applicable check-boxes; at least one must be marked.*

The following designations are hereby made under Rule 4.9(a)

**Regional Patent**

☒ **AP ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT

☒ **EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT

☒ **EP European Patent:** AT Austria, BE Belgium, BG Bulgaria, CH and LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SK Slovakia, TR Turkey and any other State which is a Contracting State of the European Patent Convention and of the PCT

☒ **OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (*if other kind of protection or treatment desired, specify on dotted line*)

**National Patent** (*if other kind of protection or treatment desired, specify on dotted line*):

☒ AE United Arab Emirates☒ AG Antigua and Barbuda☒ AL Albania☒ AM Armenia☒ AT Austria☒ AU Australia☒ AZ Azerbaijan☒ BA Bosnia and

Herzegovina

☒ BB Barbados☒ BG Bulgaria☒ BR Brazil☒ BY Belarus☒ BZ Belize☒ CA Canada☒ CH & LI Switzerland and Liechtenstein☒ CN China☒ CO Colombia☒ CR Costa Rica☒ CU Cuba☒ CZ Czech Republic☒ DE Germany☒ DK Denmark☒ DM Dominica☒ DZ Algeria☒ EE Estonia☒ EC Ecuador☒ ES Spain☒ FI Finland☒ GB United Kingdom☒ GD Grenada☒ GE Georgia☒ GH Ghana☒ GM Gambia☒ HR Croatia☒ HU Hungary☒ ID Indonesia☒ IL Israel☒ IN India☒ IS Iceland☒ JP Japan☒ KE Kenya☒ KG Kyrgyzstan☒ KP Democratic People's Republic of

Korea

☒ KR Republic of Korea☒ LC Saint Lucia☒ LK Sri Lanka☒ LR Liberia☒ LS Lesotho☒ LT Lithuania☒ LU Luxembourg☒ LV Latvia☒ MA Morocco☒ MD Republic of Moldova☒ MG Madagascar☒ MK The former Yugoslav Republic of

Macedonia

☒ MN Mongolia☒ MW Malawi☒ MX Mexico☒ MZ Mozambique☒ NO Norway☒ NZ New Zealand☒ PH Philippines☒ PL Poland☒ PT Portugal☒ RO Romania☒ RU Russian Federation☒ SD Sudan☒ SE Sweden☒ SG Singapore☒ SI Slovenia☒ SK Slovakia☒ SL Sierra Leone☒ TJ Tajikistan☒ TM Turkmenistan☒ TN Tunisia☒ TR Turkey☒ TT Trinidad and Tobago☒ TZ The United Republic of Tanzania☒ UA Ukraine☒ UG Uganda☒ US United States of America☒ UZ Uzbekistan☒ VN Viet Nam☒ YU Yugoslavia☒ ZA South Africa☒ ZM Zambia☒ ZW Zimbabwe

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

☐ GQ Equatorial Guinea☐

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except the designations(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (*Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.*)

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This sheet is not part of and does not count as a sheet of the international application.

# PCT

## FEE CALCULATION SHEET Annex to the Request

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International application No

Date stamp of the receiving Office

Applicant's or agent's  
file reference : 24,577-23PCT

Applicant: Compumedics USA, Inc.

### CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE..... \$ 240.00 ☐ T
2. SEARCH FEE..... \$1,020.00 ☐ S  
International search to be carried out by ISA / EP  
(If two or more International Searching Authorities are competent in relation to the international application, indicate the name of the Authority which is chosen to carry out the international search.)

### 3. INTERNATIONAL FEE

#### Basic Fee

Where item (b) of Box No. IX applies, enter Sub-total number of sheets \_\_\_\_\_  
Where item(b) of Box No. IX does not apply, enter Total number of sheets 36

b1 first 30 sheets

\$476.00

☐ b<sub>1</sub>

b2 5 x 12  
number of sheets  
in excess of 30

fee per sheet

\$ 60.00

☐ b<sub>2</sub>

b3 additional component (only if sequence listing part of description is filed in computer readable form under Section 801(a)(I), or both in that form and on paper, under Section 801(a)(ii))

400 x \_\_\_\_\_ = \$ \_\_\_\_\_ ☐ b<sub>3</sub>

Add amounts entered at b1, b2 and b3 and enter total at B ..... \$536.00 ☐ B

#### Designation Fees

The international application contains all designations.

5 x \$104  
no. of designation fees amount of designated fee  
payable (maximum 5)

\$520.00

☐ D

Add amounts entered at B and D and enter total at I ..... \$1,056.00 ☐ I  
(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.)

4. FEE FOR PRIORITY DOCUMENT (if applicable)..... \$ 15.00 ☐ P

### 5. TOTAL FEES PAYABLE

Add amounts entered at T, S, I and P, and enter total in the TOTAL box.....

\$2,331.00

TOTAL

☐ The designation fees are not paid at this time.

### MODE OF PAYMENT

- ☒ authorization to charge ☐ bank draft ☐ cash ☐ coupons  
deposit account (see below) ☐ postal money order ☐ revenue stamps ☐ other (specify):  
☐ cheque

### AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT (This mode of payment may not be available at all receiving Offices)

- ☒ Authorization to charge the total fees indicated above.  
☒ (This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above  
☐ Authorization to charge the fee for priority document.

Receiving Office: US  
Deposit Account No.: 50-1212 (24,577-23PCT)  
Date: July 1, 2003  
Name: John F. Klos, Esq.  
Signature: John F. Klos

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